| Inde | ex of C | Claims |  |
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|      |         |        |  |

| Application No. | Applicant(s)          |   |
|-----------------|-----------------------|---|
| 09/988,689      | CULHAM, EARL ALEXANDE | R |
| Examiner        | Art Unit              |   |
| Kyle R Stork    | 2178                  |   |

| Rejected    | _ | (Through numeral)<br>Cancelled |
|-------------|---|--------------------------------|
| <br>Allowed | ÷ | Restricted                     |

| N | Non-Elected  |
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| _ | Interference |

| Α | Appeal   |
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|----------|--|-------------------|--------------|----------|----------|----------------|----------|----------|----------------|----------|
| Cla      |  | <u> </u>          | Date         |          |          |                |          |          |                |          |
| _        | Original   | 4                 |              |          |          |                |          |          |                |          |
| Final    | Ē  | 9/1/04            |              |          |          |                |          |          |                |          |
| щ        | ŏ  | 9                 |              |          |          |                |          |          |                |          |
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|          | 2  |                   |              |          |          |                |          |          |                | -        |
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|          | 5  |                   |              |          |          |                |          |          |                |          |
|          | 1<br>2<br>3<br>4<br>5  |                   |              |          |          |                |          |          |                |          |
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|          | 8<br>9   |                   |              |          |          |                |          |          |                |          |
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| <u> </u> | 13   | Н                 |              |          |          | L.,            | _        |          |                | $\dashv$ |
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| $\vdash$ | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23 | Н                 | $\vdash$     | Н        |          |                | $\vdash$ |          | -              |          |
|          | 17   |                   |              |          |          |                |          |          |                | $\dashv$ |
|          | 18   |                   | _            |          |          |                |          |          |                | $\neg$   |
|          | 19   |                   |              |          |          |                |          |          | -              |          |
|          | 20   |                   |              |          |          |                | _        |          |                |          |
|          | 21   |                   |              |          |          |                |          |          |                |          |
|          | 22   |                   |              |          |          |                |          |          |                |          |
|          | 23   |                   |              |          |          |                |          |          |                |          |
|          | 24<br>25<br>26<br>27<br>28<br>29<br>30   |                   |              |          |          |                |          |          |                |          |
|          | 25   |                   |              |          |          |                |          |          |                |          |
| <u> </u> | 26   |                   |              | _        |          |                |          |          |                |          |
|          | 27   |                   |              | ļ        |          |                |          |          | _              |          |
|          | 28   |                   |              | <u> </u> | _        |                |          |          |                |          |
|          | 29   |                   |              | ļ        |          | _              |          |          | _              |          |
|          | 30   | _                 |              |          |          | <u> </u>       | <u> </u> | _        | -              | _        |
|          | 31   |                   |              | _        |          | <u> </u>       |          |          |                |          |
|          | 32<br>33   |                   |              |          |          | $\vdash$       |          |          |                |          |
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|          | 36   |                   | _            | _        |          | <u> </u>       |          |          | l              |          |
|          | 37   |                   |              |          |          |                |          |          |                |          |
|          | 38   |                   |              |          |          |                |          |          |                |          |
|          | 39   |                   |              |          |          |                |          |          |                |          |
|          | 40   |                   |              |          |          |                |          |          |                |          |
| <u></u>  | 41   | $ldsymbol{f eta}$ |              | <u> </u> | L        | ļ              |          |          |                |          |
|          | 42   |                   | L            | _        | <u> </u> | <u> </u>       |          | _        | _              |          |
|          | 43   | L                 |              | <u> </u> |          | _              |          | _        | <u> </u>       |          |
|          | 44   | _                 | <u> </u>     | <u> </u> | <u> </u> | <u> </u>       | <u> </u> |          | <del> </del> - |          |
|          | 45   | -                 | $\vdash$     | -        |          |                | -        | L        | $\vdash$       | $\vdash$ |
| -        | 46<br>47   |                   | $\vdash$     | $\vdash$ | $\vdash$ | <del> </del>   | $\vdash$ | -        | ├              |          |
|          | 48   | ₩                 | -            | $\vdash$ | $\vdash$ |                | $\vdash$ | $\vdash$ | $\vdash$       |          |
| -        | 49   | $\vdash$          | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$       | $\vdash$ | -        | -              |          |
|          | 50   | <del> </del>      | <del> </del> | -        |          | <del> </del> - |          |          |                |          |
| i        | ,  |                   | ı            |          |          | r              |          |          |                |          |

| Cla        | im       |    |          |               | _ [      | Date     | •                  |                    |                                     |          |
|------------|----------|----|----------|---------------|----------|----------|--------------------|--------------------|-------------------------------------|----------|
| Final      | Original |    |          |               |          |          |                    |                    |                                     |          |
|            | 51       |    |          |               |          |          |                    |                    | _                                   |          |
|            | 52       |    |          |               |          |          |                    |                    |                                     |          |
|            | 53       |    |          |               |          |          |                    |                    |                                     |          |
|            | 54       |    |          |               |          |          |                    |                    |                                     |          |
|            | 55       |    |          |               |          |          |                    |                    |                                     |          |
|            | 56       |    |          |               |          |          |                    |                    |                                     |          |
|            | 57       |    |          |               |          |          |                    |                    |                                     |          |
|            | 58       |    |          |               |          |          |                    |                    |                                     |          |
|            | 59       |    |          |               |          |          |                    |                    |                                     |          |
|            | 60       |    |          |               |          |          |                    |                    |                                     |          |
|            | 61       |    |          |               |          |          |                    |                    |                                     |          |
|            | 62       |    |          |               |          |          |                    |                    |                                     |          |
|            | 63       |    |          |               |          |          |                    |                    |                                     |          |
|            | 64       |    |          |               |          |          |                    |                    |                                     |          |
|            | 65       |    |          |               |          |          |                    |                    |                                     |          |
|            | 66       |    |          |               |          |          |                    |                    |                                     |          |
|            | 67       |    |          |               |          |          |                    |                    |                                     |          |
|            | 68       |    |          |               |          | _        |                    |                    |                                     |          |
|            | 69       |    |          |               | _        |          |                    |                    |                                     | _        |
|            | 70       | -  |          |               |          |          | _                  |                    |                                     | -        |
|            | 71<br>72 | 1  |          |               |          | _        |                    | _                  | _                                   | _        |
|            | 73       | 7  |          |               | _        |          | _                  |                    |                                     |          |
|            | 74       | 1  | -        |               |          |          | $\vdash$           |                    |                                     |          |
|            | 75       | 7  |          |               |          |          | $\vdash$           | -                  | _                                   |          |
|            | 76       | 7  |          |               |          | _        | -                  |                    |                                     |          |
|            | 77       | 7  |          |               |          |          |                    |                    |                                     |          |
|            | 78       | 7  |          |               |          |          |                    |                    | _                                   |          |
| ļ <u>.</u> | 79       |    |          | -             | -        |          |                    | -                  |                                     | _        |
|            | 80       | 1  |          |               | $\vdash$ |          |                    | -                  |                                     |          |
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|            | 83       | Ì  |          |               |          | _        | $\vdash$           |                    | Т                                   | _        |
|            | 84       | 1  |          |               |          |          | _                  | _                  |                                     |          |
|            | 85       | 1  |          |               |          | Г        |                    |                    |                                     |          |
|            | 86       | 1  |          |               |          |          |                    | _                  |                                     |          |
|            | 87       | 1  |          |               |          |          |                    |                    |                                     |          |
|            | 88       | 1  |          |               |          |          |                    |                    |                                     |          |
|            | 89       | ٧  |          |               |          |          |                    |                    |                                     |          |
|            | 90       | 77 |          |               |          |          |                    |                    |                                     |          |
|            | 91       | 1  |          |               |          |          |                    |                    |                                     |          |
|            | 92       | 1  |          |               |          |          |                    |                    |                                     | $\Box$   |
|            | 93       | 1  |          |               |          |          | $oxedsymbol{oxed}$ | $oxedsymbol{oxed}$ | <u> </u>                            | _        |
|            | 94       | 1  |          |               |          | L_       |                    |                    |                                     | L        |
|            | 95       | 7  |          |               | <u> </u> | _        | L                  | _                  | L                                   | L        |
|            | 96       | 7  | <u> </u> |               | L        | L        | <u> </u>           |                    |                                     | _        |
|            | 97       | 7  | L        | <u>L</u>      | <u> </u> | L        | <u> </u>           | ļ                  | <u> </u>                            | <u> </u> |
|            | 98       | 7  | <u> </u> | _             | <u> </u> |          | _                  | ļ                  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> |
|            | 99       | 1  | ļ        | <u> </u>      | <u> </u> | <u> </u> | _                  |                    |                                     | $\vdash$ |
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| Cla   | aim               | Date     |              |              |          |              |  |  |              |                 |
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| Final | Original          |          |              |              |          |              |  |  |              |                 |
|       | 101               | 1        |              |              |          | _            | _  |  |              |                 |
|       | 101<br>102        | 1        |              |              | _        |              |  |  |              |                 |
|       | 1103              |          |              |              |          | -            | _  |  |              |                 |
|       | 104               | 1        |              |              |          |              |  |  |              |                 |
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|       | 104<br>105<br>106 | 77777    |              |              |          |              |  |  |              |                 |
|       | 107<br>108        | 7        |              |              |          |              |  |  |              |                 |
|       | 108               | 1        |              |              |          |              |  |  |              |                 |
|       | 109               | 1        |              |              |          |              |  |  |              |                 |
|       | 110               | ٧        |              |              |          |              |  |  |              | L               |
|       | 111               | 1        |              | _            |          |              |  |  |              |                 |
|       | 112<br>113        | ٧        |              |              |          |              |  |  |              |                 |
|       | 113               | ٧        |              |              |          |              |  |  |              |                 |
|       | 114<br>115        | 1        | ļ            | _            |          |              |  |  |              | Щ               |
|       | 115               | 1        |              |              |          |              |  |  |              |                 |
|       | 116               | ٧        |              |              |          |              |  |  |              |                 |
|       | 117<br>118        | 7        |              |              |          |              |  |  |              |                 |
|       | 118               | 7        |              |              |          |              |  |  |              |                 |
|       | 119               |          |              |              |          |              |  |  |              |                 |
|       | 120<br>121        | 7        |              |              |          | -            |  | _  |              |                 |
|       | 121               | V        | <u> </u>     | _            |          |              |  |  | _            | $\vdash$        |
|       | 122<br>123<br>124 | 777      | -            |              |          | <u> </u>     |  |  |              | Н               |
|       | 123               | 1        | ⊢            |              |          |              | H  |  |              | $\vdash$        |
|       | 124               | 7        |              |              |          |              | H  | H  |              | H               |
|       | 125<br>126<br>127 | 7        |              |              |          |              | <del></del>                                      | <u> </u>   |              | $\vdash$        |
|       | 127               | 1        | $\vdash$     | _            |          |              | <del>                                     </del> |  | -            |                 |
|       | 128               | 1        |              | -            |          |              |  |  |              | Н               |
|       | 128<br>129        | Ì        | $\vdash$     |              |          |              |  |  |              | Н               |
|       | 130               | 1        | $\vdash$     | $\vdash$     |          |              |  |  |              |                 |
|       | 130<br>131        | 1        |              | <del> </del> |          | _            |  |  |              |                 |
|       | 132               | 1        |              |              |          |              |  |  |              | П               |
|       | 133<br>134        | 1        |              |              |          |              |  |  |              |                 |
|       | 134               | 1        |              |              |          |              |  |  |              |                 |
|       | 135               | ٧.       |              |              |          |              |  |  |              |                 |
|       | 136               |          |              |              |          |              |  |  |              |                 |
|       | 137               | 1        |              |              |          |              |  |  |              | Ш               |
|       | 138               | 1        |              | L            |          | L.           |  |  | _            |                 |
|       | 139               |          |              | _            |          |              |  |  | <u> </u>     | Ш               |
|       | 140               |          | <u> </u>     | ļ            |          | <u> </u>     |  |  |              |                 |
|       | 141               |          |              | <u> </u>     |          |              |  |  | _            |                 |
|       | 142               | <u> </u> | <u> </u>     | _            | _        | <del> </del> | <del> </del>                                     | <u> </u>   | <u> </u>     | $\vdash$        |
|       | 143               | ļ        | -            | -            |          |              | <del> </del> -                                   | ļ  |              | $\vdash\vdash$  |
|       | 144               | $\vdash$ | -            | $\vdash$     |          | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash \vdash$ |
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|       | 146<br>147        | <u> </u> |              |              | $\vdash$ | $\vdash$     | $\vdash$   |  | $\vdash$     | Н               |
|       | 148               | $\vdash$ | $\vdash$     | $\vdash$     |          | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$        |
|       | 149               | $\vdash$ | $\vdash$     | $\vdash$     |          | ├-           |  | <del>                                     </del> | $\vdash$     | $\vdash$        |
|       | 150               | $\vdash$ | -            | -            |          | ┢            | <del>                                     </del> | $\vdash$   | $\vdash$     | H               |
|       | 1 100             | <u></u>  |              | ı            |          | L            | Щ.   | L  | Щ.           | لـــا           |